

UTAH NATIONAL GUARD – CAMP WILLIAMS

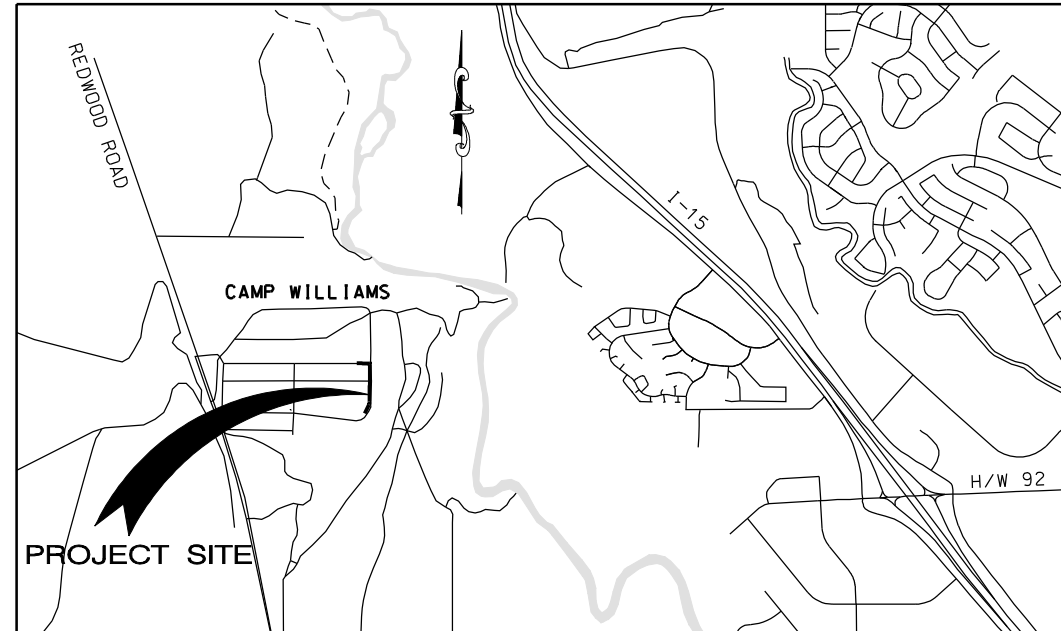
FIRST STREET DRAINAGE

DFCM PROJECT NO. 06283480

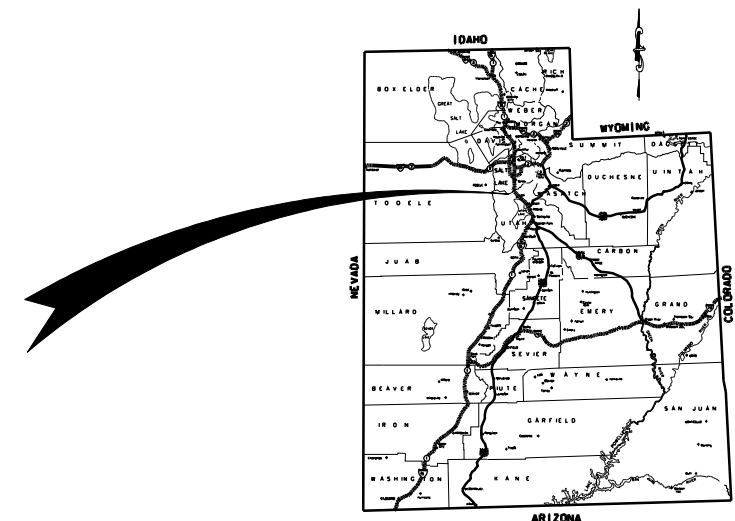
AUGUST 2006

SHEET INDEX

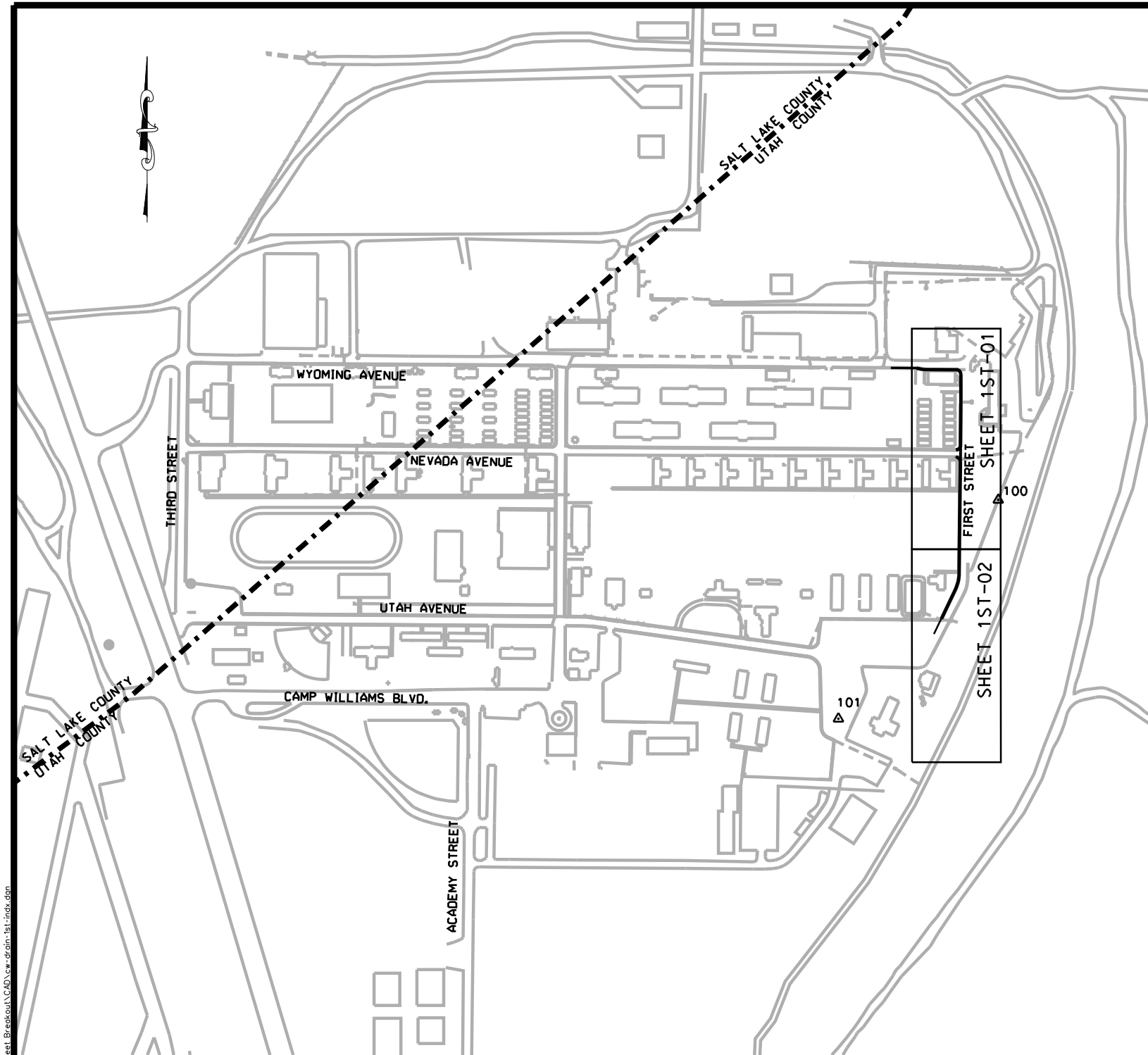
<u>SHEET</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	INDEX SHEET
1st-01 TO 1st-02	PLAN AND PROFILE SHEETS
DT-1	DETAIL SHEET



VICINITY MAP



Q:\2005\05136.00 - CMP Williams Roadway & Drainage\1st Street Breakout\CAD\dwg\drain-1st-indr.dwg 7/31/2006



PROJECT NOTES:

1. FOR ANY QUESTIONS DEALING WITH CAMP APPROVALS, SCHEDULING, OR PERMITS CONTACT KENT BARLOW (801-253-5427). FOR UTILITY QUESTIONS AND SHUTDOWNS CONTACT MIKE OSBORN (801-716-9049).
2. CONTRACTOR WILL BE SOLELY RESPONSIBLE TO PROVIDE ADEQUATE MEASURES TO CONTROL AND MAINTAIN ALL STORM WATER WITHIN PROJECT LIMITS DURING CONSTRUCTION. THIS WILL INCLUDE ALL BEST MANAGEMENT PRACTICES FOR THE CONTROL OF EROSION AND PROTECTION OR CONTROL OF RUNOFF PRIOR TO ENTERING ANY STORM DRAINAGE PIPE SYSTEM OR LEAVING THE CONSTRUCTION SITE.
3. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
4. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. EXISTING UTILITIES WHERE SHOWN MAY NOT BE COMPLETE AND ARE TO BE VERIFIED BEFORE CONSTRUCTION. BLUE STAKING TO BE PERFORMED BY CAMP PERSONNEL UPON 48 HOUR NOTICE BY CONTRACTOR. CONTRACTOR TO POTHOLE EXISTING UTILITIES AND VERIFY PIPE CLEARANCE PRIOR TO CONSTRUCTION. CONTRACTOR TO SUBMIT CUT SHEETS AFTER POT HOLING FOR APPROVAL 5 WORKING DAYS BEFORE CONSTRUCTION. AFTER SUBMITTED, THE ENGINEER MAY APPROVE MINOR ADJUSTMENTS TO PIPE SLOPES TO MINIMIZE IMPACT TO EXISTING UTILITIES.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE EXPENSE OF THE CONTRACTOR.
6. ROADWAY CROSS SLOPES WILL BE THOSE SHOWN ON THE PLANS AND WILL BEGIN AT THE ROADWAY EDGE CONTROL (CURB & GUTTER, VALLEY GUTTER, STEM WALL, OR ASPHALT) AND PROJECT TO THE ROADWAY CENTERLINE.
7. AC PAVEMENT TO BE ONE-HALF INCH (1/2) ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
8. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
9. WORK WITHIN A SPECIFIC AREA OR STREET, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO THE CAMP.
10. PROTECTION AND REPLACEMENT OF SURVEY MONUMENTS SHALL BE THE CONTRACTORS' RESPONSIBILITY.
11. THE USE OF POTABLE OR SECONDARY WATER WITHOUT APPROVAL FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FOR CONSTRUCTION WATER THROUGH MIKE OSBORN (801-716-9049).
12. ALL MANHOLES, GRATES, BOXES, AND COVERS TO HAVE H20 LOADING.
13. ALL STORM DRAIN PIPE TO BE HDPE PER SPECIFICATIONS.
14. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER AND ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.

LEGEND

—UP—	Power Buried	⊙	Storm Drain Manhole
—OP—	Power Overhead	⊞	Electrical Transformer
=====	Existing Pipe	⊕	Fire Hydrant
—X—X—X—	Fence Chain Link	⊗	Water Valve
—X—X—X—	Fence Wire	⊞	Cable Box
—□—□—□—□—□—□—	Fence Wood	—	Sign
—G—	Gas Line	⊞	Irrigation Valve / Box
—IW—	Pressure Irrigation	⊕	Sump
—S—	Sanitary Sewer	⊞	Telephone Pedestal
----	Pavement Marking (Skip)	⊞	Telephone Manhole
----	Pavement Marking (Skip Solid)	⊕	Water Meter
—D—	Storm Drain	✓	Guy Wire
----	Stream or Ditch	⊕	Power Pole
—T—	Telephone Buried	⊞	Mailbox
—T— FIBEROPTIC	Fiberoptic	⊞	Sewer Manhole
----	Tree Line	⊕	Water Manhole
----	Wall Block Exist	510 ⊞	Survey Control Point
—CW—	Water Line	⊞	Storm Drain Inlet
—CTV—	Cable / Tele		

CONTROL POINTS			
NO.	NORTHING	EASTING	ELEVATION
100	766135.856	1883082.502	4760.314
101	765488.072	1882609.176	4768.605

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FIRST STREET DRAINAGE

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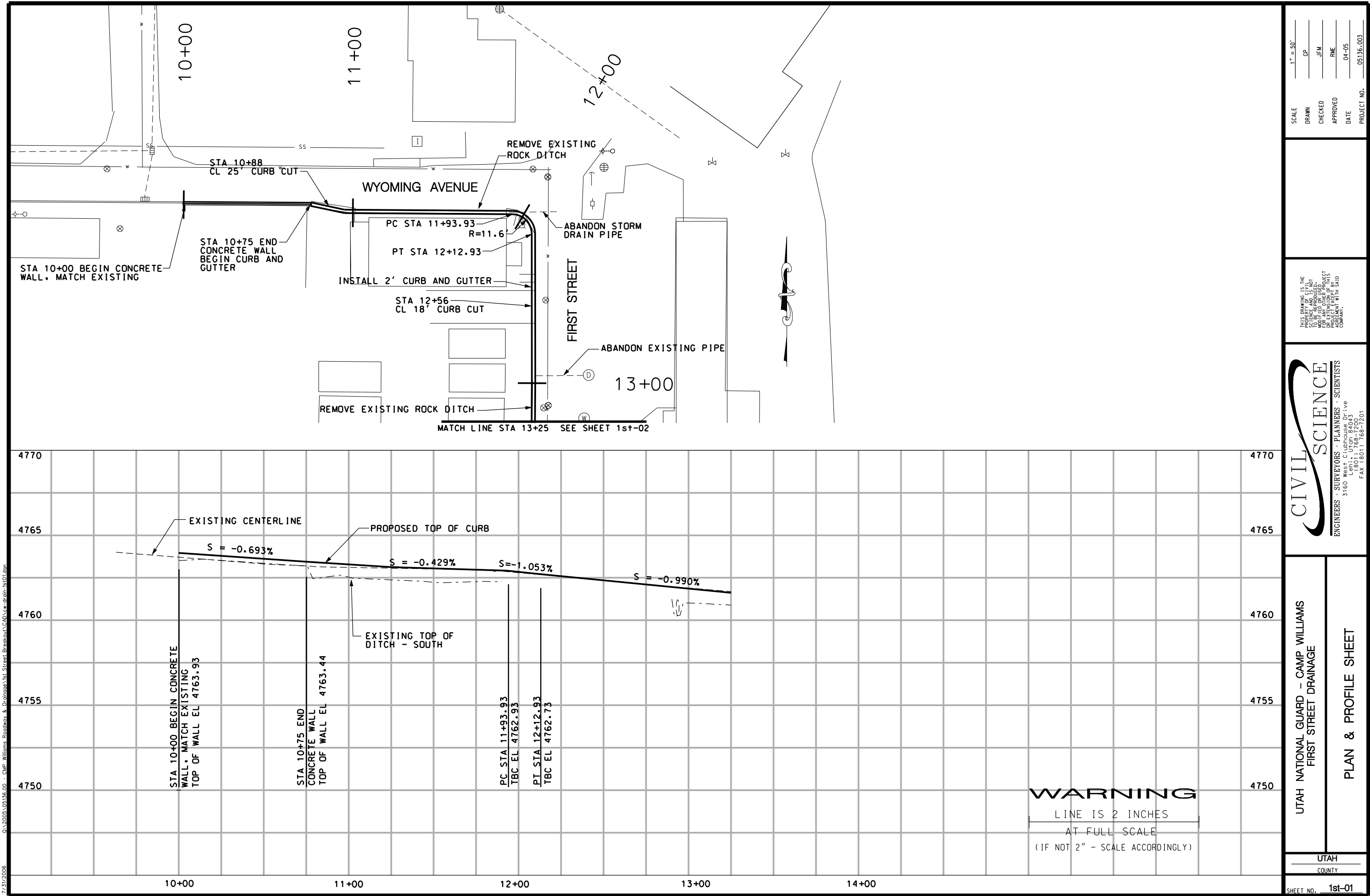
UTAH
COUNTY

SHEET NO.

2

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SCALE	1"=400'
DRAWN	GP
CHECKED	JFM
APPROVED	RME
DATE	04-05
PROJECT NO.	05136-003



7/31/2006 Q:\2005\05136.00 - CMP Williams Roadway & Drainage\1st Street Breakout\CAD\vw.drain-1st-01.dgn

1" = 50'

SCALE

DRAWN

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DATE

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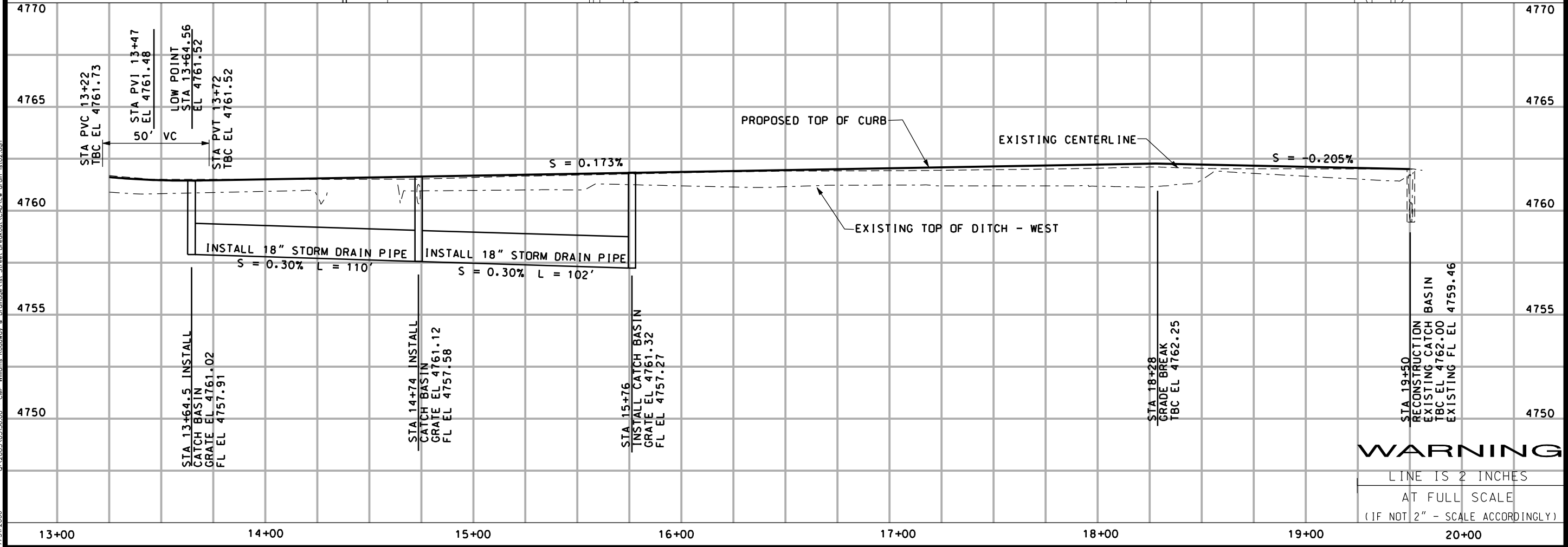
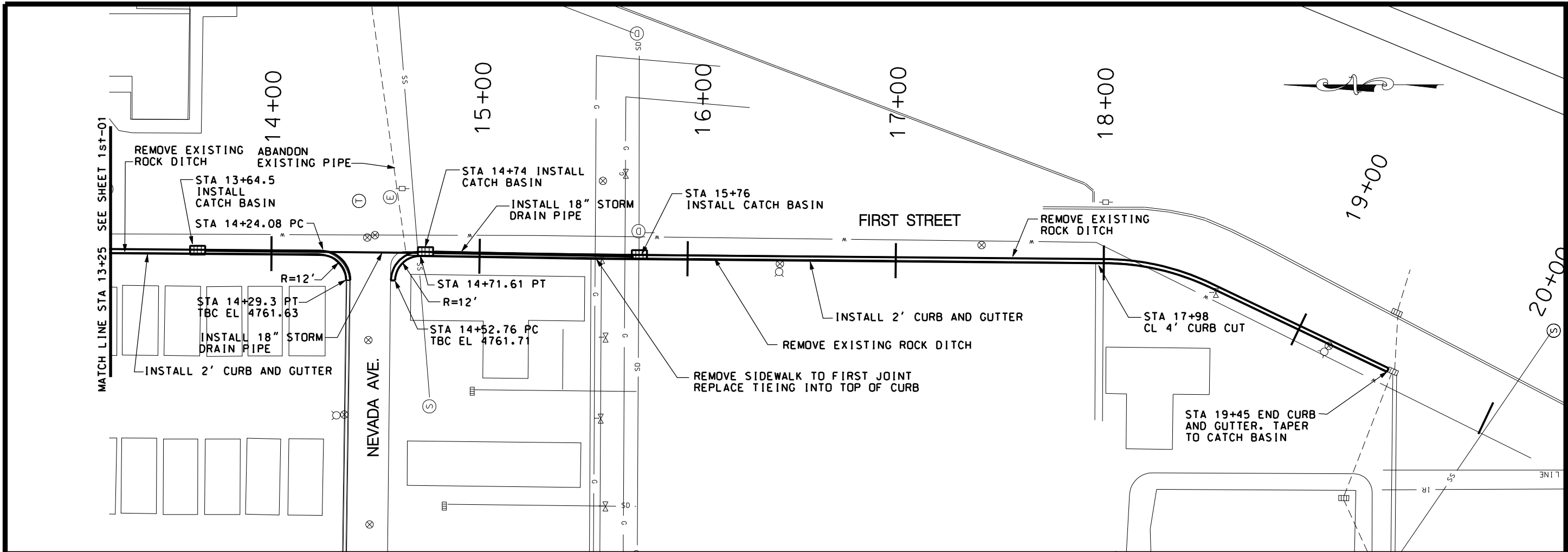
PLAN & PROFILE SHEET

UTAH

COUNTY

SHEET NO. 1st-01

Q:\2005\05136.00 - CMP Williams Roadway & Drainage\1st Street Breakout\1st Street Breakout\1st Street Breakout.dwg 10/2/2006



SCALE	1" = 50'
DRAWN	GP
CHECKED	JFM
APPROVED	RME
DATE	04-05
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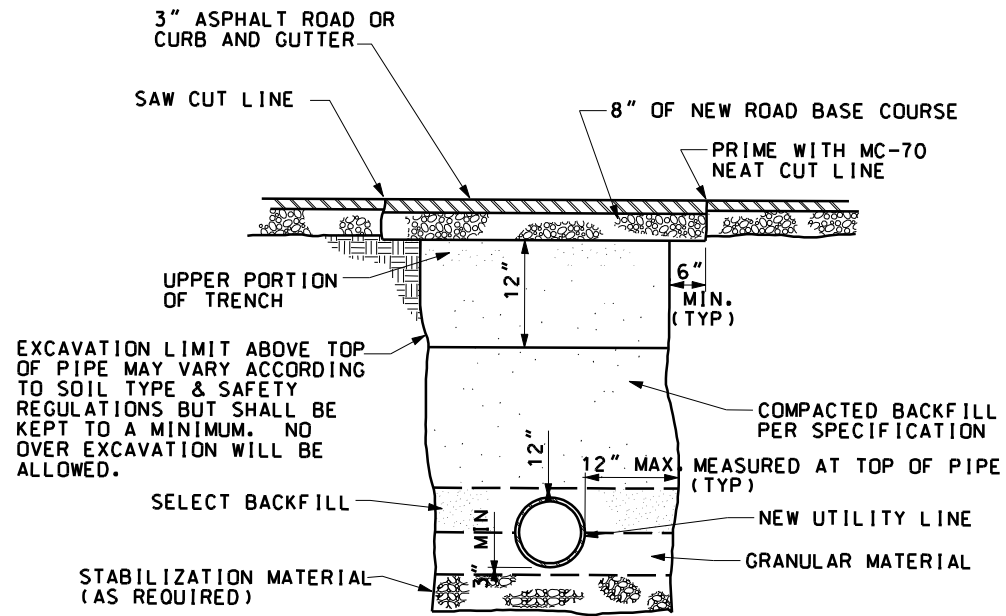
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FIRST STREET DRAINAGE

PLAN & PROFILE SHEET

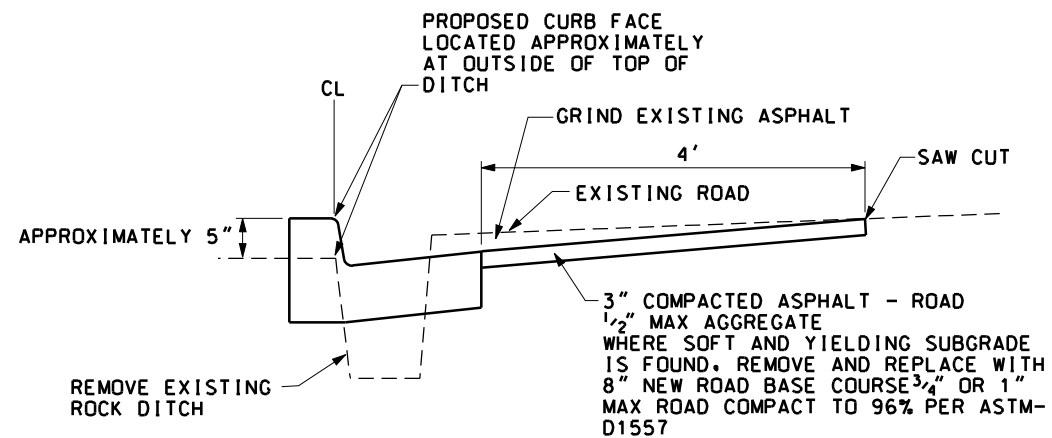
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SHEET NO. 1st-02

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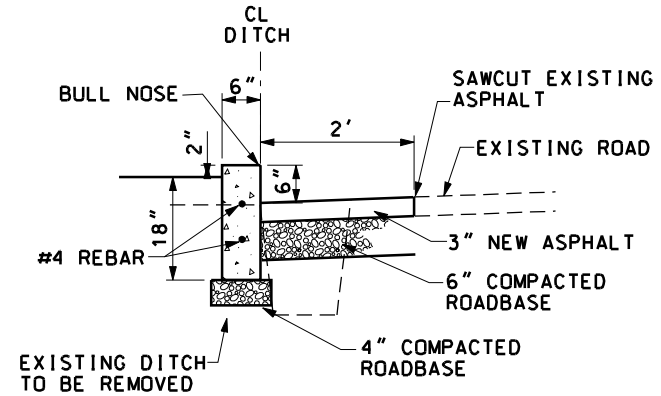


UTILITY INSTALLATION AND ROAD REPAIR

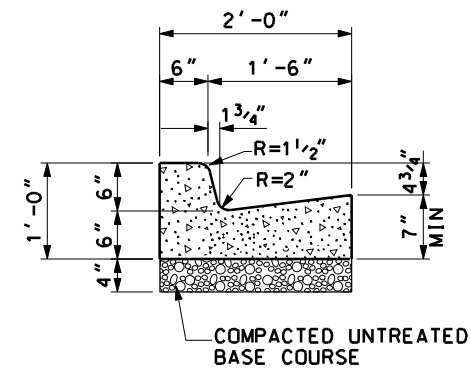


CONCRETE CURB & GUTTER

NOTE: WHERE PIPE IS UNDER CURB AND GUTTER MATCH TRENCH DETAIL UNDER THE BASE COURSE



CONCRETE CURB WALL DETAIL



CURB & GUTTER